

MANUAL

SAC A300



Intelligent Access Control Keypad

1、Product Features and Technical Parameters

1.1 Product Features

- ✧ Open Mode: Card, Code, Card + Code.
- ✧ Programming Code: 1set (Default: 123456) .
- ✧ Master Card: Add or Delete User Card.
- ✧ Independent Open Door Code: Open Door With This Independent Code.
- ✧ Nice Appearance, With digital Backlit Keypad, It Is Available Operate At Night, Built-in Alarm Output For External Alarm, Anti-theft Device.
- ✧ User Card No. Can Be Deleted By Keypad
- ✧ Bidirectional Enter-Output, Wiegand 26 Interface and Door Bell Interface. With Door Magnet Sensor, Achieve Open Door Overtime Alarm Alerts.
- ✧ Wiegand 26 Output, It Can Be Used As Wiegand Reader
- ✧ With Door Bell Button And Interface: Button Is Isolated From Circuit, Any Doorbell Can Be Connected.

1.2 Technical Parameters

Item	Technical Parameters	Item	Technical Parameters
Operating Voltage	DC9V-DC24V	Operating Temp	-20℃——60℃
Standard Current	≤100mA	Capacity	2000 (Expandable)
Operating Humidity	20%——90%	Independent Open Door Code	200 sets (Customizable)
Reader Distance	1-15CM	Electric Lock Output	Dry Contact (3A@24VDC)
Card	MF1or EM Card	Alarm Output	1A@12VDC

1.3 The Factory Default

Item	Default	Item	Default
Programming Code	123456	Open Mode	Card or Independent Open Door Code
Independent Open Door Code	No	Anti-Demolition Alarm	Open
Unlock Time	3secs	Modify Personal Code function	Closed

1.4 Wires Definitions

8PIN Definitions

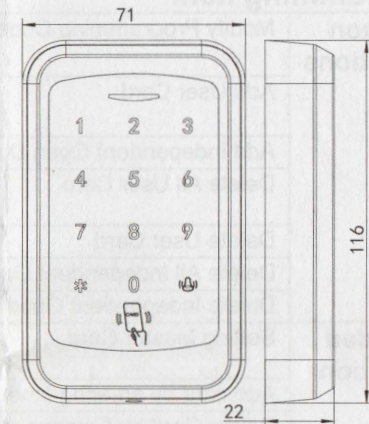
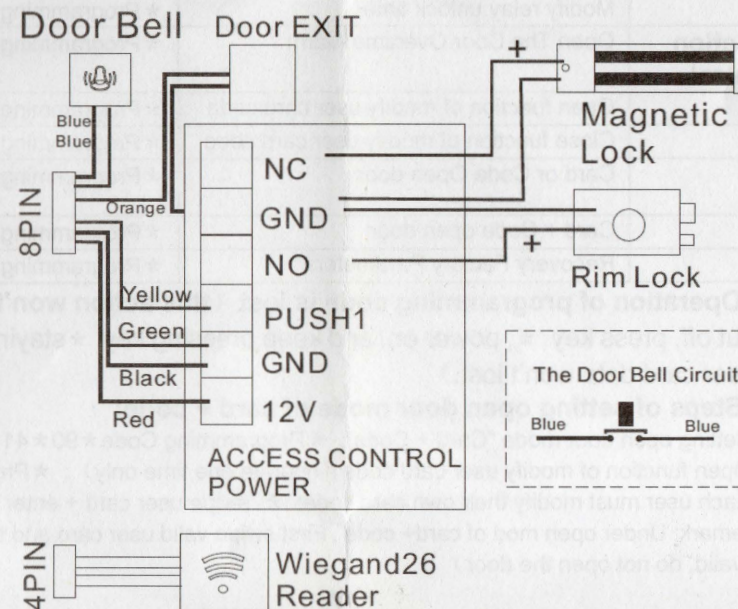
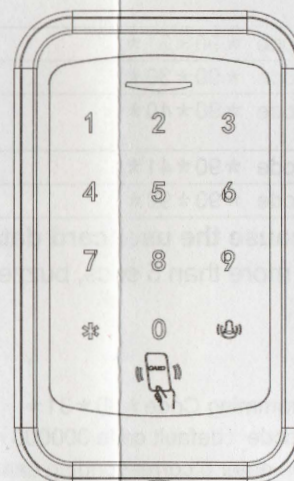
Mark	Color	Definition
12V+	Red	Power Positive
GND	Black	Power Negative
NO.	Yellow	Normally Opened Terminal
COM.	Green	Common Terminal
NC.	White	Normally Closed Terminal
SWITCH	Orange	Exit Switch
BELL	Blue	Door Bell 1
BELL	Blue	Door Bell 2

4PIN Definitions

Mark	Color	Definition
DATA0	Yellow	Wiegand Data 0
DATA1	Green	Wiegand Data 1
GND	Black	Power Positive
12V	Red	Power Negative

Unlock is dry contact output, load capacity 3A@30VDC

1.5 Wiring Instruction



Intelligent Access Control Keypad

2、Operation

2.1 Master Card Operation

☀Add User Card

Swipe "Master Card", green light flash, continuously swipe user card which need to add, then swipe "Master Card" to exit.

☀Delete Card

Swipe "Master Card" two times in 3 secs, red light flash, swipe user card which need to delete, then swipe "Master Card" to exit.

2.2 Keypad Programming Operation

Programming Item		Operation	Remark
Common Operations	Modify Programming Code	* Programming Code * 00 * New Programming Code * Repeat New Programming Code *	If forge programming code, please follow step 2.3 operate.
	Add User Card	* Programming Code * 51 * continuously swipe user card *	Add many cards at one time. User card is automatically set to the default code 000000
	Add Independent Open Door Code	* Programming Code * 13 * Enter 6 No. Code *	Do not set 000000 and other simple code
	Delete All User Card	* Programming Code * 40 * 90 *	This operation will delete user card and corresponding code, but won't delete master card
	Delete User Card	* Programming Code * 71 * continuously swipe user card *	Delete many cards at one time
	Delete All Independent Open Door Code	* Programming Code * 40 * 91 *	Delete all Programming Code at one time
	Delete Independent Open Door Code	* Programming Code * 23 * Enter 6 Code *	Delete Programming Code
Extended Operation	Setting Master Card	* Programming Code * 80 * Swipe Card	If your master card is lost, you can do this operation. after finish setting, the system automatically exits
	Add card by entering inner card No.	* Programming Code * 52 * Enter 10 Code inner card No. *	User card is automatically set to the default code 000000
	Delete Card by Entering Inner Card No.	* Programming Code * 72 * Enter 10 Code inner card No. *	This operation will delete user card and corresponding code
	Modify relay unlock time	* Programming Code * 62 * 2 code unlock time *	2 No. of code is 01——99secs, delay time is 01-99secs
Function Control	Open The Door Overtime Alarm	* Programming Code * 90 * 11 *	Alarm under condition of door magnet.
	Open function of modify user card code	* Programming Code * 90 * 31 *	Allow user to modify their own card code
	Close function of modify user card code	* Programming Code * 90 * 30 *	Not allow user to modify their own card code
	Card or Code Open door	* Programming Code * 90 * 40 *	Card, Card code, Independent Open Door Code are all available open door
	Card + Code open door	* Programming Code * 90 * 41 *	Independent Open Door Code no limited
	Recovery Factory Parameters	* Programming Code * 90 * 90 *	The factory parameters are recovered by default

2.3 Operation of programming code is lost (this action won't cause the user card data loss):

Cut off, press key *, power on, and keep pressing key * staying more than 5 secs, buzzer long ring tip, then release hand. (after reset, programming code: 123456. User card data won't lost.)

2.4 Steps of setting open door mode of card + code:

- 1、Setting open door mode "Card + Code": * Programming Code * 90 * 41 *
- 2、Open function of modify user card code (operate one time only) : * Programming Code * 90 * 31 *
- 3、Each user must modify their own card code: * swipe user card + enter 6 code (default code 000000) * enter 6 new code * repeat 6 new code *

Remark: Under open mod of card+ code , First swipe valid user card and then enter 6 corresponding card code can open the door (The default 000000 must be modified, otherwise the code is invalid, do not open the door)